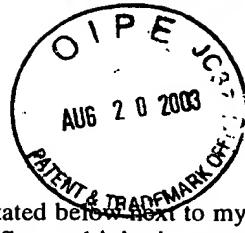


(Foreign associate use only)

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:



Attorney's Docket No.

ENTTC-1

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My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ELECTRONIC CATALOG SYSTEM**, the specification of which

is attached hereto.

was filed on 01/22/2001 as U.S. Application or PCT International Application No. 09/766,775 and was amended (if applicable) on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. *I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.*

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>App. No.</u>	<u>Date of Filing</u>	<u>Priority Claimed Under 35 USC §119</u>
Japan	P2000-12900	January 21, 2000	Yes v No
Japan	P2000-20908	January 28, 2000	Yes v No

I hereby claim the benefit under Title 35, United States Code, § 120 of any prior United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each claim of the present application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application No. Filing Date Status: patented, pending, abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from _____, as to any action to be taken in the Patent and Trademark Office regarding this application, without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney named herein will be notified by the undersigned.

POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony B. Askew - 24,154; Roger T. Frost - 22,176; Robert E. Richards - 29,105; Stephen M. Schaetzl - 31,418; Larry A. Roberts - 31,871; James Dean Johnson - 31,771; Leona G. Young - 37,266; Jamie L. Greene - 32,467; Mary Anthony Merchant - 39,771; Brenda Ozaki Holmes - 40,339; Kimberly J. Prior - 41,483; Theodore M. Green - 41,801; John K. McDonald - 42,860; Suzanne Seavello Shope - 37,933; Sima Singadia Kulkarni - 43,732; Christopher J. Chan - 44,070; John M. Briski - 44,562; S. Craig Hemenway - 44,759; Paul E. Knowlton - 44,842; Charles E. Peeler - 45,004; Cheryl L. Huseman - 45,392; Shelby B. Grier - 45,785; Vaibhav P. Kadaba - 45,865; Donald R. Andersen - 28,280; Joseph Bennett-Paris - P47,226

Send correspondence to: **KILPATRICK STOCKTON, LLP**
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Direct telephone calls (404) 949-2400 to:

Full name of sole or first inventor:	Osamu FUSHIMI
Citizenship:	Japan
Residence:	1-6, Uchisaiwai-cho 1-Chome, Chiyoda-ku, Tokyo, 100-8019 Japan
Post Office Address:	Same as above
Inventor's signature	<i>Osamu Fushimi</i>
Date: March 19, 2001	

Additional inventors are being named on separately numbered sheets attached hereto.

Attorney Docket No.: _____
Title: _____
Page 2

Full name of second joint inventor, if any:	Ryoichi KASUGA
Citizenship:	Japan
Residence:	1-6, Uchisaiwai-cho 1-Chome, Chiyoda-ku, Tokyo, 100-8019 Japan
Post Office Address :	Same as above
Inventor's signature	Ryoichi Kasuga
Date:	March 19, 2001

Full name of third joint inventor, if any:	Susumu KAKUTA
Citizenship:	Japan
Residence:	1-6, Uchisaiwai-cho 1-Chome, Chiyoda-ku, Tokyo, 100-8019 Japan
Post Office Address:	Same as above
Inventor's signature	Susumu Kakuta
Date:	March 19, 2001

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Osamu FUSHIMI;
Ryoichi KASUGA; and
Susumu KAKUTA.

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution date(s) of each conveying party:

March 19, 2001

2. Name and Address of receiving party(ies):

Name: NTT Communications Corporation

Address: 1-6, Uchisaiwai-cho 1-chome, Chiyoda-ku,

City: Tokyo, 100-8019

Country: Japan

Additional name(s) & address(es) attached? Yes No

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OFFICE OF PETITIONS

4(a). Patent Application No.(s): 09/766,775

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: John S. Pratt
Address: KILPATRICK STOCKTON LLP
1100 Peachtree Street
Suite 2800
Atlanta, Georgia 30309-4530

6. Total number of applications and patents involved: One

7. Total fee (37 C.F.R. §3.41) enclosed: \$ 40.00

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mailstop Assignments, Director of the U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date given below.

Roger T. Frost
Name of Person Signing


Signature

Date: August 19, 2003

Total number of pages including cover sheet: 2

Attorney Docket No. 44471/252431

Mail documents to be recorded with required cover sheet information to: Director of the U.S. Patent & Trademark Office

Mailstop Assignment Recordation Services
P.O. Box 1450

Alexandria, VA 22313-1450

ASSIGNMENT

The undersigned Inventor(s),

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does (do) hereby sell, transfer, and assign to the Assignee, NTT Communications Corporation

a corporation organized and existing under the laws of Japan, and having a place of business at 1-6, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8019, Japan

the full, exclusive, and entire right, title, and interest for the territory of the United States of America, in and to the invention entitled ELECTRONIC CATALOG AGGREGATION APPARATUS FOR REALIZING FAST AND EFFICIENT ELECTRONIC CATALOG SYSTEM

as described and claimed in the application for Letters Patent executed by me (us) on the day of March 19, 2001; and the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof; and I(we) hereby request the Commissioner of Patents and Trademarks of the United States of America to issue said Letters Patent to the Assignee, for its interest, for the sole use of the Assignee and its successors, assigns and legal representatives, as fully and entirely as the same would have been held by me (us) had this assignment not been made;

AND, for the same consideration, I (we) agree to sign all lawful papers, execute all division, continuing, reexamination, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to the Assignee, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in the United States of America.

I (we) hereby authorize and request my (our) attorney, Roger T. Frost, Reg. No. 22,176, to insert here in parentheses the application number (App. No.) and filing date () of the aforesaid application when known.

Date Signed: March 19, 2001

Osamu FUSHIMI
(Inventor)

Osamu Fushimi

Date Signed: March 19, 2001

Ryoichi KASUGA
(Inventor)

Ryoichi Kasuga

Date Signed: March 19, 2001

Susumu KAKUTA
(Inventor)

Susumu Kakuta

J&A Docket: _____